

Title (en)

DEVICE AND METHOD FOR CLEANING CONVEYING SURFACE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR REINIGUNG EINER FÖRDEROBERFLÄCHE

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR LE NETTOYAGE DE SURFACE DE TRANSPORT

Publication

**EP 2514693 A4 20140625 (EN)**

Application

**EP 10837376 A 20101107**

Priority

- JP 2009286269 A 20091217
- JP 2010069759 W 20101107

Abstract (en)

[origin: EP2514693A1] Labor saving and automatization of cleaning work of a conveyance face for articles or materials are intended to reliably and quickly execute the cleaning work. A cleaning apparatus has a cleaning implement (10) located on the upper side of a conveyance element (R). The cleaning implement includes a cleaning face (11) to be in contact with a conveyance face (S). The cleaning apparatus also has a traction device (6,7) which applies a tractive force (T) to the cleaning implement, in a direction (E) opposite to a conveyance direction (D) of a conveyance passage. The cleaning implement has a weight (P) for keeping the cleaning face in contact with the conveyance element in operation of the conveyor device, and cleans the conveyance face by means of contact and separation of the cleaning face and the conveyance face, and relative displacement therebetween (V1, V2, V3).

IPC 8 full level

**B65G 45/10** (2006.01); **B08B 1/00** (2006.01)

CPC (source: EP KR US)

**B08B 1/10** (2024.01 - KR); **B08B 1/20** (2024.01 - KR); **B08B 1/30** (2024.01 - EP KR US); **B65G 45/10** (2013.01 - EP KR US)

Citation (search report)

- [A] JP 2000233822 A 20000829 - KOBE STEEL LTD
- [A] JP 2008254831 A 20081023 - HOYA CORP
- [A] US 5884751 A 19990323 - METIVIER JAMES WILLARD [US]
- See also references of WO 2011074347A1

Designated contracting state (EPC)

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